

# **[DETERMINATION OF ACCEPTABLE SEQUENCE NUMBER RANGES IN A COMMUNICATIONS PROTOCOL]**

## **Abstract of Disclosure**

A wireless communications protocol utilizes protocol data units (PDUs) for transmitting and receiving service data units (SDUs). Each PDU has a sequence number of  $n$  bits for indicating a relative sequential ordering of the PDU in a transmitted or received stream of PDUs. A transmission time interval (TTI) is also used in which a predetermined number of PDUs are transmitted or received. PDUs are received within a TTI. A starting sequence number and an ending sequence number for received PDUs within the TTI are found. Any received PDU within the TTI that has a sequence number that is sequentially before the starting sequence number or that is sequentially after the ending sequence number is discarded. The incremental magnitude of the sequence numbers is used to signal discarded PDUs.

Figures

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